INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 03/50747

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G02B5/20 C030 CO3C17/36 E06B9/24 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 G02B C03C E06B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to daim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1-5,7-11US 5 948 538 A (BROCHOT JEAN-PIERRE ET X AL) 7 September 1999 (1999-09-07) 6 Α figure 1 column 1, line 31 -column 3, line 6 column 4, line 16 - line 29 column 6, line 11 -column 8, line 67 1-5,7-11 EP 0 336 257 A (PPG INDUSTRIES INC) Χ 11 October 1989 (1989-10-11) Α abstract · column 1, line 55 -column 4, line 49 1-5,7-11 EP 1 010 677 A (SAINT GOBAIN VITRAGE) Υ 21 June 2000 (2000-06-21) abstract example 6 Y Further documents are listed in the continuation of box C. Patent family members are listed in annex. · Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the business. A document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled O document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 11/02/2004 3 February 2004 Authorized officer Name and malling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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